

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:55:59 ON 10 MAR 2003

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 14:56:08 ON 10 MAR 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 9 MAR 2003 HIGHEST RN 497220-90-3

DICTIONARY FILE UPDATES: 9 MAR 2003 HIGHEST RN 497220-90-3

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

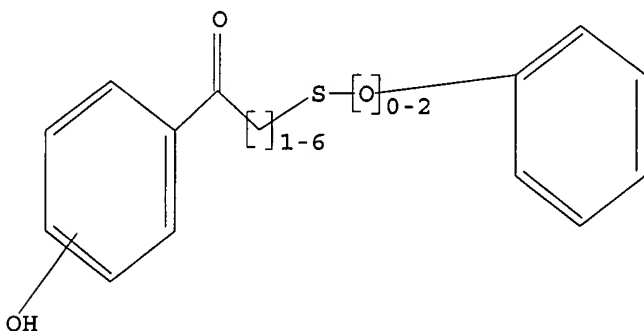
Uploading 131.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 14:56:27 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 3615 TO ITERATE

27.7% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.03

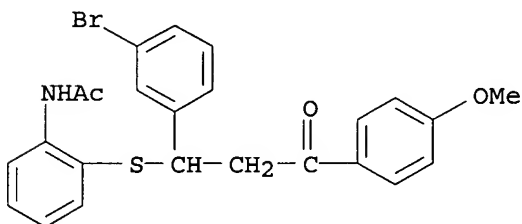
4 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 68696 TO 75904
 PROJECTED ANSWERS: 61 TO 517

L2 4 SEA SSS SAM L1

=> d 12

L2 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2003 ACS
 RN 298216-65-6 REGISTRY
 CN Acetamide, N-[2-[[1-(3-bromophenyl)-3-(4-methoxyphenyl)-3-oxopropyl]thio]phenyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C24 H22 Br N O3 S
 SR Chemical Library
 LC STN Files: CHEMCATS

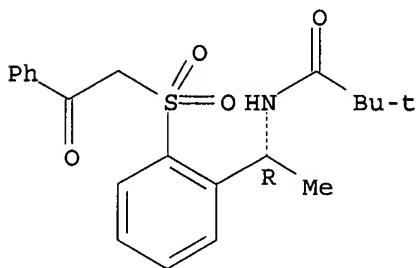


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

=> d scan

L2 4 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Propanamide, 2,2-dimethyl-N-[1-[2-[(2-oxo-2-phenylethyl)sulfonyl]phenyl]ethyl]-, (R)- (9CI)
 MF C21 H25 N O4 S

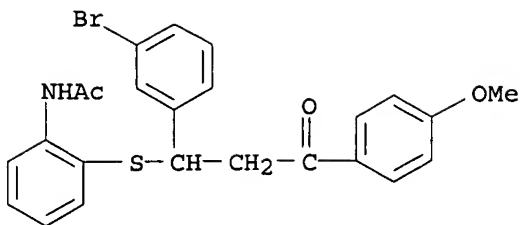
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

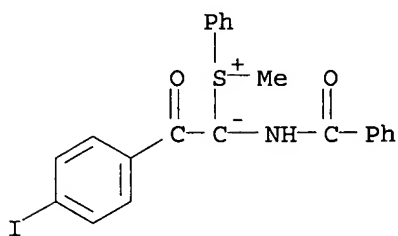
L2 4 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Acetamide, N-[2-[[1-(3-bromophenyl)-3-(4-methoxyphenyl)-3-oxopropyl]thio]phenyl]- (9CI)
 MF C24 H22 Br N O3 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

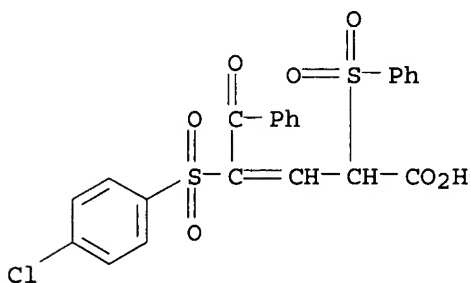
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 4 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Sulfonium, methylphenyl-, .alpha.-benzamido-p-iodophenacylide (8CI)
 MF C22 H18 I N O2 S



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 4 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 3-Pentenoic acid, 4-[(4-chlorophenyl)sulfonyl]-5-oxo-5-phenyl-2-(phenylsulfonyl)- (9CI)
 MF C23 H17 Cl O7 S2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

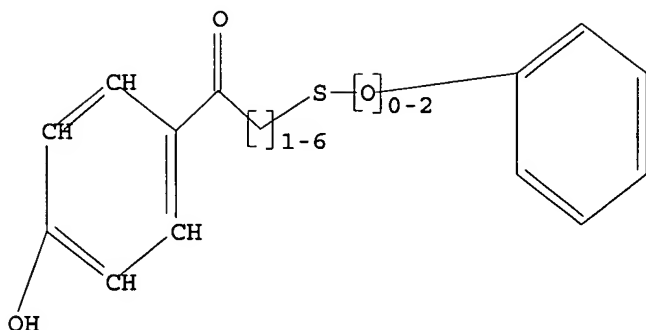
=>
 Uploading 131.str

L3 STRUCTURE UPLOADED

=> d
 L3 HAS NO ANSWERS

L3

STR



Structure attributes must be viewed using STN Express query preparation.

=> s l3

SAMPLE SEARCH INITIATED 14:58:31 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1199 TO ITERATE

83.4% PROCESSED 1000 ITERATIONS
 INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
 SEARCH TIME: 00.00.01

1 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**

PROJECTED ITERATIONS: 21903 TO 26057

PROJECTED ANSWERS: 1 TO 88

L4 1 SEA SSS SAM L3

=> d

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS

RN 412051-63-9 REGISTRY

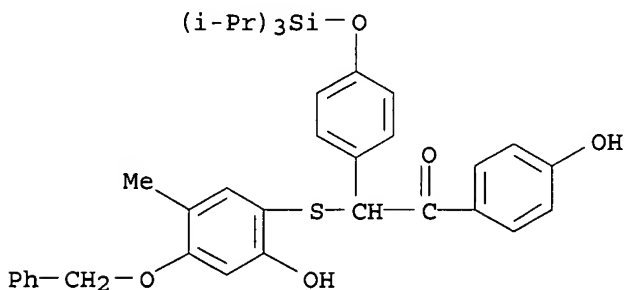
CN Ethanone, 2-[[2-hydroxy-5-methyl-4-(phenylmethoxy)phenyl]thio]-1-(4-hydroxyphenyl)-2-[4-[[tris(1-methylethyl)silyl]oxy]phenyl]- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C37 H44 O5 S Si

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1962 TO DATE)

3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s l3 ful

FULL SEARCH INITIATED 14:59:04 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 24274 TO ITERATE

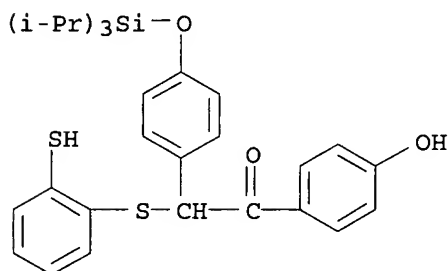
100.0% PROCESSED 24274 ITERATIONS
SEARCH TIME: 00.00.03

52 ANSWERS

L5 52 SEA SSS FUL L3

=> d 15 1 10 20 30 40-52

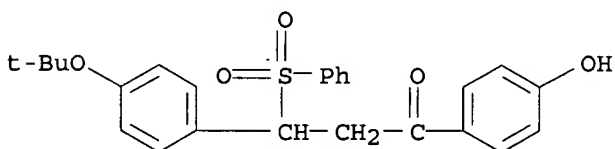
L5 ANSWER 1 OF 52 REGISTRY COPYRIGHT 2003 ACS
RN 474527-58-7 REGISTRY
CN Ethanone, 1-(4-hydroxyphenyl)-2-[(2-mercaptophenyl)thio]-2-[4-[[tris(1-methylethyl)silyl]oxy]phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H36 O3 S2 Si
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

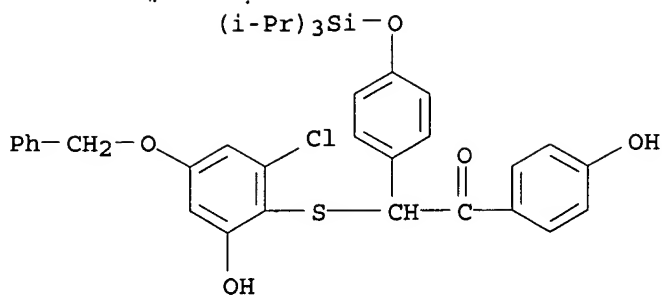
1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L5 ANSWER 10 OF 52 REGISTRY COPYRIGHT 2003 ACS
RN 452363-26-7 REGISTRY
CN 1-Propanone, 3-[4-(1,1-dimethylethoxy)phenyl]-1-(4-hydroxyphenyl)-3-(phenylsulfonyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C25 H26 O5 S
SR Chemical Library
LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

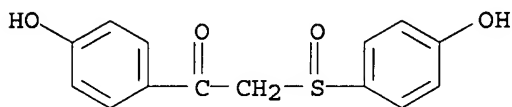
L5 ANSWER 20 OF 52 REGISTRY COPYRIGHT 2003 ACS
RN 412051-61-7 REGISTRY
CN Ethanone, 2-[[2-chloro-6-hydroxy-4-(phenylmethoxy)phenyl]thio]-1-(4-hydroxyphenyl)-2-[4-[[tris(1-methylethyl)silyl]oxy]phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C36 H41 Cl O5 S Si
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1962 TO DATE)
3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

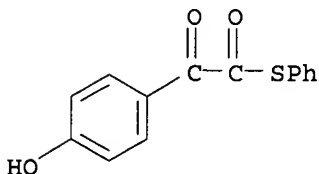
L5 ANSWER 30 OF 52 REGISTRY COPYRIGHT 2003 ACS
RN 333957-83-8 REGISTRY
CN Ethanone, 1-(4-hydroxyphenyl)-2-[(4-hydroxyphenyl)sulfinyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C14 H12 O4 S
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L5 ANSWER 40 OF 52 REGISTRY COPYRIGHT 2003 ACS
RN 137524-58-4 REGISTRY
CN Benzenethanethioic acid, 4-hydroxy-.alpha.-oxo-, S-phenyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C14 H10 O3 S
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMINFORMRX
(*File contains numerically searchable property data)

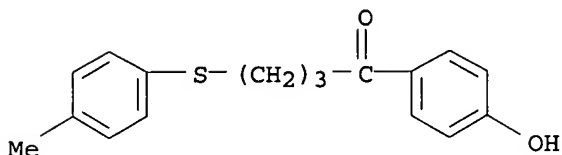


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L5 ANSWER 41 OF 52 REGISTRY COPYRIGHT 2003 ACS
RN 132427-97-5 REGISTRY
CN 1-Butanone, 1-(4-hydroxyphenyl)-4-[(4-methylphenyl)thio]- (9CI) (CA INDEX NAME)

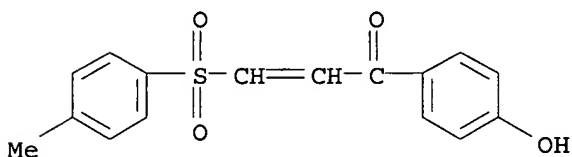
FS 3D CONCORD
MF C17 H18 O2 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

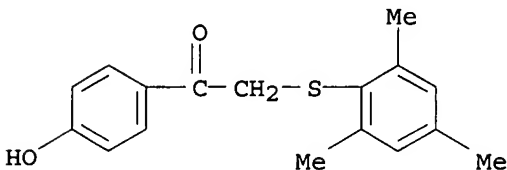
L5 ANSWER 42 OF 52 REGISTRY COPYRIGHT 2003 ACS
RN 100786-69-4 REGISTRY
CN 2-Propen-1-one, 1-(4-hydroxyphenyl)-3-[(4-methylphenyl)sulfonyl]- (9CI)
(CA INDEX NAME)
FS 3D CONCORD
MF C16 H14 O4 S
SR CA
LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L5 ANSWER 43 OF 52 REGISTRY COPYRIGHT 2003 ACS
RN 99236-26-7 REGISTRY
CN Ethanone, 1-(4-hydroxyphenyl)-2-[(2,4,6-trimethylphenyl)thio]- (9CI) (CA
INDEX NAME)
FS 3D CONCORD
MF C17 H18 O2 S
SR CA
LC STN Files: CA, CAPLUS, CASREACT

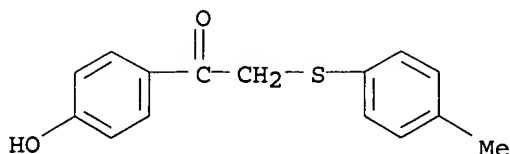


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L5 ANSWER 44 OF 52 REGISTRY COPYRIGHT 2003 ACS

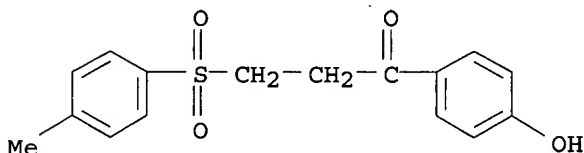
RN 99236-18-7 REGISTRY
 CN Ethanone, 1-(4-hydroxyphenyl)-2-[(4-methylphenyl)thio]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C15 H14 O2 S
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

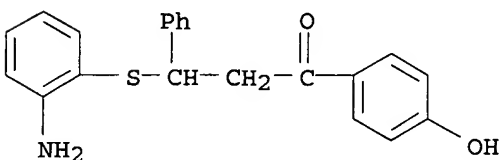
L5 ANSWER 45 OF 52 REGISTRY COPYRIGHT 2003 ACS
 RN 97166-49-9 REGISTRY
 CN 1-Propanone, 1-(4-hydroxyphenyl)-3-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C16 H16 O4 S
 LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

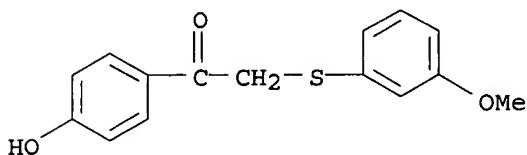
L5 ANSWER 46 OF 52 REGISTRY COPYRIGHT 2003 ACS
 RN 64820-35-5 REGISTRY
 CN 1-Propanone, 3-[(2-aminophenyl)thio]-1-(4-hydroxyphenyl)-3-phenyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C21 H19 N O2 S
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

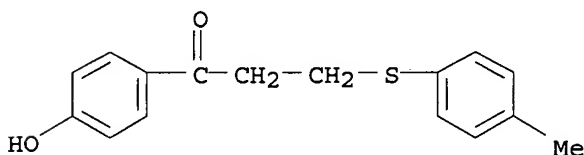
L5 ANSWER 47 OF 52 REGISTRY COPYRIGHT 2003 ACS
 RN 63762-93-6 REGISTRY
 CN Ethanone, 1-(4-hydroxyphenyl)-2-[(3-methoxyphenyl)thio]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C15 H14 O3 S
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, IFICDB, IFIPAT, IFIUDB, USPATFULL
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1962 TO DATE)
 5 REFERENCES IN FILE CAPLUS (1962 TO DATE)

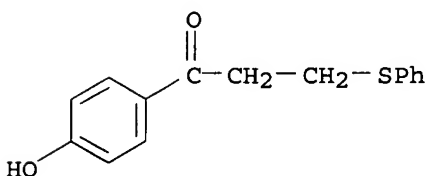
L5 ANSWER 48 OF 52 REGISTRY COPYRIGHT 2003 ACS
 RN 53145-40-7 REGISTRY
 CN 1-Propanone, 1-(4-hydroxyphenyl)-3-[(4-methylphenyl)thio]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C16 H16 O2 S
 LC STN Files: BEILSTEIN*, CA, CAPLUS
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

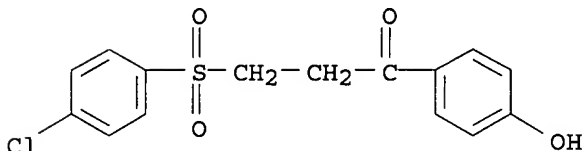
L5 ANSWER 49 OF 52 REGISTRY COPYRIGHT 2003 ACS
 RN 53145-39-4 REGISTRY
 CN 1-Propanone, 1-(4-hydroxyphenyl)-3-(phenylthio)- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C15 H14 O2 S
 LC STN Files: BEILSTEIN*, CA, CAPLUS
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

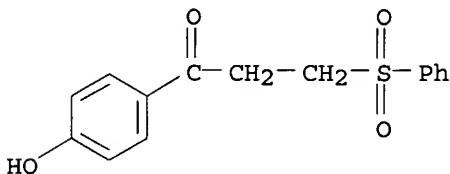
L5 ANSWER 50 OF 52 REGISTRY COPYRIGHT 2003 ACS
RN 50366-52-4 REGISTRY
CN 1-Propanone, 3-[(4-chlorophenyl)sulfonyl]-1-(4-hydroxyphenyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C15 H13 Cl O4 S
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

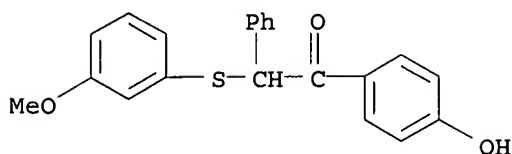
L5 ANSWER 51 OF 52 REGISTRY COPYRIGHT 2003 ACS
RN 50366-51-3 REGISTRY
CN 1-Propanone, 1-(4-hydroxyphenyl)-3-(phenylsulfonyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C15 H14 O4 S
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L5 ANSWER 52 OF 52 REGISTRY COPYRIGHT 2003 ACS
RN 21382-72-9 REGISTRY
CN Ethanone, 1-(4-hydroxyphenyl)-2-[(3-methoxyphenyl)thio]-2-phenyl- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Acetophenone, 4'-hydroxy-2-[(m-methoxyphenyl)thio]-2-phenyl- (8CI)
FS 3D CONCORD
MF C21 H18 O3 S
LC STN Files: BEILSTEIN*, CA, CAPLUS, IFICDB, IFIPAT, IFIUDB
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	182.07	182.28

FILE 'CAPLUS' ENTERED AT 14:59:50 ON 10 MAR 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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FILE COVERS 1907 - 10 Mar 2003 VOL 138 ISS 11
FILE LAST UPDATED: 9 Mar 2003 (20030309/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 15
L6 21 L5

=> d 16 1-21

L6 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2003 ACS
AN 2002:850327 CAPLUS
DN 137:353047
TI Preparation of (aminoalkoxyphenyl)dihydrobenzoxathiins and analogs as estrogen receptor agonists
IN Dininno, Frank P.; Wu, Jane Y.; Kim, Seongkon; Chen, Helen Y.
PA USA
SO U.S. Pat. Appl. Publ., 70 pp., Cont.-in-part of Appl. No. PCT/US01/42735. CODEN: USXXCO
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002165226	A1	20021107	US 2002-120723	20020411
	WO 2002032377	A2	20020425	WO 2001-US42735	20011015
	WO 2002032377	A3	20020822		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT,

RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US,
UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI US 2000-241582P P 20001019
WO 2001-US42735 A2 20011015
OS MARPAT 137:353047

L6 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 2002:408662 CAPLUS

DN 136:401637

TI Preparation of 3-arylbenzothiophenes by cyclodehydration of
phenylthioacetophenones using activated clay or zeolite catalysts.

IN Luke, Wayne Douglas; Sanderson, Heidi Ann; Zheng, Hua

PA Eli Lilly and Company, USA

SO PCT Int. Appl., 26 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2002042289	A2	20020530	WO 2001-US42940	20011114
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W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES,
FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG,
KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL,
TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY,
KG, KZ, MD, RU

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2002030409	A5	20020603	AU 2002-30409	20011114
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PRAI US 2000-253212P P 20001127

WO 2001-US42940 W 20011114

OS CASREACT 136:401637; MARPAT 136:401637

L6 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 2002:408636 CAPLUS

DN 136:401533

TI Coupling reaction process for preparing .alpha.-(3-arylthio)acetophenones
from thiophenol derivs. and .alpha.-(leaving group)-substituted
acetophenones

IN Luke, Wayne Douglas; Sanderson, Heidi Ann; Zheng, Hua

PA Eli Lilly and Company, USA

SO PCT Int. Appl., 17 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2002042261	A2	20020530	WO 2001-US42939	20011114
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W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES,
FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG,
KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL,
TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY,
KG, KZ, MD, RU

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2002028593	A5	20020603	AU 2002-28593	20011114
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PRAI US 2000-253073P P 20001127

WO 2001-US42939 W 20011114

OS CASREACT 136:401533; MARPAT 136:401533

L6 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2003 ACS
 AN 2002:314730 CAPLUS
 DN 136:325549
 TI Preparation of benzoxathiin derivatives as estrogen receptor modulators
 IN Dininno, Frank P.; Chen, Helen Y.; Kim, Seongkon; Wu, Jane Y.
 PA Merck & Co., Inc., USA
 SO PCT Int. Appl., 175 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002032377	A2	20020425	WO 2001-US42735	20011015
	WO 2002032377	A3	20020822		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2002165226	A1	20021107	US 2002-120723	20020411
PRAI	US 2000-241582P	P	20001019		
	WO 2001-US42735	A2	20011015		
OS	MARPAT 136:325549				

L6 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2003 ACS
 AN 2002:314726 CAPLUS
 DN 136:325548
 TI Preparation of benzoxathiin derivatives as estrogen receptor modulators
 IN Dininno, Frank P.; Kim, Seongkon; Wu, Jane Y.
 PA Merck & Co., Inc., USA
 SO PCT Int. Appl., 155 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002032373	A2	20020425	WO 2001-US32035	20011015
	WO 2002032373	A3	20020704		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 2000-241584P	P	20001019		
	US 2000-241640P	P	20001019		
OS	MARPAT 136:325548				

L6 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2003 ACS
 AN 2001:265378 CAPLUS
 DN 134:303088
 TI Phenolic compounds in heat-sensitive or pressure-sensitive recording materials
 IN Hidaka, Tomoya; Sato, Shinichi; Kawakami, Tadashi
 PA Nippon Soda Co., Ltd., Japan
 SO PCT Int. Appl., 45 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001025193	A1	20010412	WO 2000-JP6892	20001004
	W: AU, BR, CN, JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 2000075555	A5	20010510	AU 2000-75555	20001004
	EP 1219598	A1	20020703	EP 2000-964635	20001004
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
	BR 2000014494	A	20020820	BR 2000-14494	20001004
PRAI	JP 1999-282577	A	19991004		
	JP 2000-37488	A	20000216		
	WO 2000-JP6892	W	20001004		
OS	MARPAT 134:303088				

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2003 ACS
AN 2000:731504 CAPLUS
DN 133:296035
TI Preparation of solid phase particles having diazo ketone groups for solid-phase synthesis of carboxylic acids with one increased carbon atom
IN Shindo, Hirohisa; Imune, Yasuetsu
PA Shionogi and Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 20 pp.
CODEN: JKXXAF
DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000290202	A2	20001017	JP 2000-23525	20000201
PRAI	JP 1999-25817	A	19990203		
OS	CASREACT 133:296035; MARPAT 133:296035				

L6 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2003 ACS
AN 2000:496245 CAPLUS
DN 133:281277
TI Efficient Synthesis of Resin-Bound .alpha.-TMSdiazoketones and Their Use in Solid-Phase Organic Synthesis
AU Iso, Y.; Shindo, H.; Hamana, H.
CS Shionogi Research Laboratories, Shionogi & Co. Ltd., Osaka, 553-0002, Japan
SO Tetrahedron (2000), 56(30), 5353-5361
CODEN: TETRAB; ISSN: 0040-4020
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 133:281277

RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2003 ACS
AN 1991:679392 CAPLUS
DN 115:279392
TI Dihalogenation of .beta.-keto sulfides. Synthesis of .alpha.-ketomethyl esters and .alpha.-keto S-phenyl thioesters
AU Fortes, Carlos C.; Souto, Carlos R. O.; Okino, Esmeralda A.
CS Dep. Quim., Univ. Brasilia, 70910, Brazil
SO Synthetic Communications (1991), 21(20), 2045-52
CODEN: SYNCAV; ISSN: 0039-7911
DT Journal
LA English
OS CASREACT 115:279392

L6 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2003 ACS
AN 1991:121736 CAPLUS

DN 114:121736
TI Preparation of 1-(4-fluorophenyl)-3-(substituted)amino-1-propanones and
analogs as phospholipase A2 inhibitors
IN Wilkerson, Wendell W.
PA du Pont de Nemours, E. I., and Co., USA
SO U.S., 23 pp. Cont.-in-part of U.S. Ser. No. 126,618, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4948813	A	19900814	US 1989-386530	19890728
	US 5075339	A	19911224	US 1990-531653	19900601
PRAI	US 1987-126618		19871130		
	US 1989-386530		19890728		
OS	MARPAT 114:121736				

L6 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2003 ACS
AN 1986:109131 CAPLUS
DN 104:109131
TI Unsaturated and halogenated .gamma.-hydroxy sulfones: syntheses and
reactivities
AU Messinger, Paul; Von Vietinghoff-Scheel, Rudolf
CS Inst. Pharm. Chem., Univ. Hamburg, Hamburg, 2000/13, Fed. Rep. Ger.
SO Archiv der Pharmazie (Weinheim, Germany) (1985), 318(11), 961-8
CODEN: ARPMAS; ISSN: 0365-6233
DT Journal
LA German
OS CASREACT 104:109131

L6 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2003 ACS
AN 1985:614927 CAPLUS
DN 103:214927
TI Photoreactions of .beta.-keto sulfides: aryl and benzyl phenacyl sulfides
and related compounds
AU Aroba, Kanwar J. S.; Collier, John R.; Deodhar, Dinker J.; Hesabi, Masoud
M.; Hill, John
CS Dep. Chem. Appl. Chem., Univ. Salford, Salford, M5 4WT, UK
SO Journal of Chemical Research, Synopses (1985), (6), 184-5
CODEN: JRPSDC; ISSN: 0308-2342
DT Journal
LA English
OS CASREACT 103:214927

L6 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2003 ACS
AN 1985:437153 CAPLUS
DN 103:37153
TI Preparation of .gamma.-hydroxysulfones
AU Messinger, Paul; Von Vietinghoff-Scheel, Rudolf
CS Inst. Pharm. Chem., Univ. Hamburg, Hamburg, 2000/13, Fed. Rep. Ger.
SO Archiv der Pharmazie (Weinheim, Germany) (1985), 318(5), 445-51
CODEN: ARPMAS; ISSN: 0365-6233
DT Journal
LA German
OS CASREACT 103:37153

L6 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2003 ACS
AN 1981:83931 CAPLUS
DN 94:83931
TI 2-Benzoyl-3-phenylbenzothiophene (or benzothiophene oxide)derivatives
PA Lilly, Eli, and Co., USA
SO Israeli, 56 pp.
CODEN: ISXXAQ
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	IL 50413	A1	19800530	IL 1976-50413	19760905
	AU 7617408	A1	19780309	AU 1976-17408	19760902
	AU 509682	B2	19800522		
	CA 1064031	A1	19791009	CA 1976-263897	19761021
	GB 1572506	A	19800730	GB 1976-44200	19761025
	ES 452737	A1	19780101	ES 1976-452737	19761026
	RO 70768	P	19821026	RO 1976-88226	19761026
	SE 7611954	A	19770429	SE 1976-11954	19761027
	SE 427035	B	19830228		
	SE 427035	C	19830609		
	DK 7604845	A	19770429	DK 1976-4845	19761027
	JP 52053852	A2	19770430	JP 1976-129998	19761027
	JP 61000344	B4	19860108		
	ZA 7606442	A	19780628	ZA 1976-6442	19761027
	CH 626360	A	19811113	CH 1976-13553	19761027
	NL 7611972	A	19770502	NL 1976-11972	19761028
	FR 2329270	A1	19770527	FR 1976-32513	19761028
	FR 2329270	B1	19790727		
	DD 127463	C	19770928	DD 1976-195510	19761028
	AT 7608007	A	19790315	AT 1976-8007	19761028
	AT 352709	B	19791010		
	CS 196328	P	19800331	CS 1976-6973	19761028
	PL 109366	B1	19800531	PL 1976-193328	19761028
	US 4075227	A	19780221	US 1976-743819	19761122
PRAI	US 1975-626009		19751028		

L6 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2003 ACS
 AN 1978:37602 CAPLUS
 DN 88:37602
 TI Derivatives of 2-aroysl-3-phenylbenzothiophenes and of 2-aroysl-3-phenylbenzothiophene 1-oxides with antifertility activity
 IN Jones, Charles David; Suarez, Tulio
 PA Lilly, Eli, and Co., USA
 SO Belg., 43 pp.
 CODEN: BEXXAL
 DT Patent
 LA French
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	BE 847718	A1	19770428	BE 1976-1007724	19761028
	AU 7617408	A1	19780309	AU 1976-17408	19760902
	AU 509682	B2	19800522		
	CA 1064031	A1	19791009	CA 1976-263897	19761021
	GB 1572506	A	19800730	GB 1976-44200	19761025
	ES 452737	A1	19780101	ES 1976-452737	19761026
	RO 70768	P	19821026	RO 1976-88226	19761026
	SE 7611954	A	19770429	SE 1976-11954	19761027
	SE 427035	B	19830228		
	SE 427035	C	19830609		
	DK 7604845	A	19770429	DK 1976-4845	19761027
	JP 52053852	A2	19770430	JP 1976-129998	19761027
	JP 61000344	B4	19860108		
	ZA 7606442	A	19780628	ZA 1976-6442	19761027
	CH 626360	A	19811113	CH 1976-13553	19761027
	NL 7611972	A	19770502	NL 1976-11972	19761028
	FR 2329270	A1	19770527	FR 1976-32513	19761028
	FR 2329270	B1	19790727		
	DD 127463	C	19770928	DD 1976-195510	19761028
	AT 7608007	A	19790315	AT 1976-8007	19761028
	AT 352709	B	19791010		
	CS 196328	P	19800331	CS 1976-6973	19761028
	PL 109366	B1	19800531	PL 1976-193328	19761028
	US 4075227	A	19780221	US 1976-743819	19761122
PRAI	US 1975-626009		19751028		

L6 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2003 ACS
 AN 1978:6850 CAPLUS
 DN 88:6850

TI Oxazepines and thiazepines, III. Synthesis of 2,3-dihydro-2,4-diphenyl-1,5-benzothiazepines by the reaction of 2-aminothiophenol with chalcones substituted in ring A
 AU Levai, Albert; Bogнар, Rezso
 CS Inst. Org. Chem., Kossuth Lajos Univ., Debrecen, Hung.
 SO Acta Chimica Academiae Scientiarum Hungaricae (1977), 92(4), 415-19
 CODEN: ACASA2; ISSN: 0001-5407
 DT Journal
 LA English

L6 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 1977:502155 CAPLUS

DN 87:102155

TI Benzothiophene derivatives

IN Jones, Charles David; Suarez, Tulio

PA Lilly, Eli, and Co., USA

SO Ger. Offen., 56 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2647864	A1	19770512	DE 1976-2647864	19761022
	DE 2647864	C2	19850425		
	AU 7617408	A1	19780309	AU 1976-17408	19760902
	AU 509682	B2	19800522		
	CA 1064031	A1	19791009	CA 1976-263897	19761021
	GB 1572506	A	19800730	GB 1976-44200	19761025
	ES 452737	A1	19780101	ES 1976-452737	19761026
	RO 70768	P	19821026	RO 1976-88226	19761026
	SE 7611954	A	19770429	SE 1976-11954	19761027
	SE 427035	B	19830228		
	SE 427035	C	19830609		
	DK 7604845	A	19770429	DK 1976-4845	19761027
	JP 52053852	A2	19770430	JP 1976-129998	19761027
	JP 61000344	B4	19860108		
	ZA 7606442	A	19780628	ZA 1976-6442	19761027
	CH 626360	A	19811113	CH 1976-13553	19761027
	NL 7611972	A	19770502	NL 1976-11972	19761028
	FR 2329270	A1	19770527	FR 1976-32513	19761028
	FR 2329270	B1	19790727		
	DD 127463	C	19770928	DD 1976-195510	19761028
	AT 7608007	A	19790315	AT 1976-8007	19761028
	AT 352709	B	19791010		
	CS 196328	P	19800331	CS 1976-6973	19761028
	PL 109366	B1	19800531	PL 1976-193328	19761028
	US 4075227	A	19780221	US 1976-743819	19761122
PRAI	US 1975-626009		19751028		

L6 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 1974:477635 CAPLUS

DN 81:77635

TI Synthesis and study of .beta.-arylthiohydroxypropiofenones

AU Kuliev, A. M.; Sardarova, S. A.; Guseinov, M. S.; Iskenderova, T. Yu.

CS Inst. Khim. Prasadok, Baku, USSR

SO Zhurnal Organicheskoi Khimii (1974), 10(6), 1225-8

CODEN: ZORKAE; ISSN: 0514-7492

DT Journal

LA Russian

L6 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 1973:536695 CAPLUS

DN 79:136695

TI Sulfones as chemical transports of germicidal substances. 2. Sulfones via Mannich bases

AU Messinger, P.

CS Inst. Pharm. Chem., Univ. Hamburg, Hamburg, Fed. Rep. Ger.

SO Archiv der Pharmazie (Weinheim, Germany) (1973), 306(8), 603-10

CODEN: ARPMAS; ISSN: 0365-6233
DT Journal
LA German

L6 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2003 ACS
AN 1972:81482 CAPLUS
DN 76:81482
TI Potential antifertility agents. 1. Substituted diaryl derivatives of benzo[b]thiophenes, benzo[b]furans, 1H-2-benzothiapyrans, and 2H-1-benzothiapyrans
AU Crenshaw, R. R.; Jeffries, A. T.; Luke, G. M.; Cheney, L. C.; Bialy, G.
CS Bristol Lab. Div., Bristol-Myers Co., Syracuse, NY, USA
SO Journal of Medicinal Chemistry (1971), 14(12), 1185-90
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English

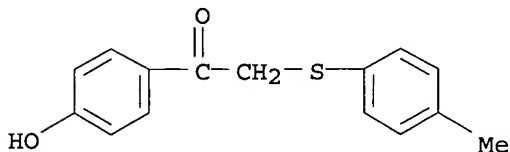
L6 ANSWER 21 OF 21 CAPLUS COPYRIGHT 2003 ACS
AN 1969:57619 CAPLUS
DN 70:57619
TI 2-Phenyl-3[p-(.beta.-pyrrolidinoethoxy)phenyl]-6-methoxybenzo[b]-thiophene, an antifertility agent
IN Crenshaw, Ronnie R.
PA Bristol-Myers Co.
SO U.S., 3 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 3413305	A	19681126	US 1968-704544	19680212
PRAI	US 1968-704544		19680212		

=> s 99236-18-7
L7 1 99236-18-7
(99236-18-7/RN)

=> d

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN 99236-18-7 REGISTRY
CN Ethanone, 1-(4-hydroxyphenyl)-2-[(4-methylphenyl)thio]- (9CI) (CA INDEX
NAME)
FS 3D CONCORD
MF C15 H14 O2 S
SR CA
LC STN Files: CA, CAPLUS, CASREACT



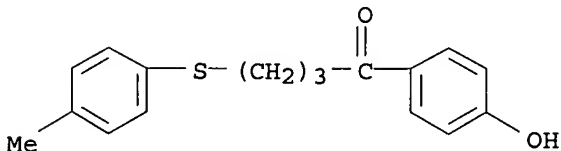
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s 132427-97-5
L8 1 132427-97-5
(132427-97-5/RN)

=> d

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN 132427-97-5 REGISTRY
CN 1-Butanone, 1-(4-hydroxyphenyl)-4-[(4-methylphenyl)thio]- (9CI) (CA INDEX
NAME)
FS 3D CONCORD
MF C17 H18 O2 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



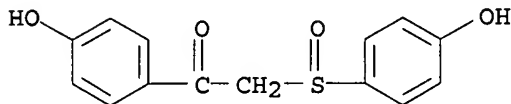
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s 333957-83-8
L9 1 333957-83-8
(333957-83-8/RN)

=> d

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
 RN 333957-83-8 REGISTRY
 CN Ethanone, 1-(4-hydroxyphenyl)-2-[(4-hydroxyphenyl)sulfinyl]- (9CI) (CA
 INDEX NAME)
 FS 3D CONCORD
 MF C14 H12 O4 S
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
5.44	210.56

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 FILE LAST UPDATED: 9 Mar 2003 (20030309/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L10 1 L7

=> d

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
 AN 1985:614927 CAPLUS
 DN 103:214927
 TI Photoreactions of .beta.-keto sulfides: aryl and benzyl phenacyl sulfides and related compounds
 AU Aroba, Kanwar J. S.; Collier, John R.; Deodhar, Dinker J.; Hesabi, Masoud M.; Hill, John
 CS Dep. Chem. Appl. Chem., Univ. Salford, Salford, M5 4WT, UK
 SO Journal of Chemical Research, Synopses (1985), (6), 184-5
 CODEN: JRPSDC; ISSN: 0308-2342
 DT Journal
 LA English
 OS CASREACT 103:214927

=> s 18

L11 1 L8

=> d

L11 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS

AN 1991:121736 CAPLUS

DN 114:121736

TI Preparation of 1-(4-fluorophenyl)-3-(substituted)amino-1-propanones and analogs as phospholipase A2 inhibitors

IN Wilkerson, Wendell W.

PA du Pont de Nemours, E. I., and Co., USA

SO U.S., 23 pp. Cont.-in-part of U.S. Ser. No. 126,618, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4948813	A	19900814	US 1989-386530	19890728
	US 5075339	A	19911224	US 1990-531653	19900601
PRAI	US 1987-126618		19871130		
	US 1989-386530		19890728		
OS	MARPAT 114:121736				

=> s 19

L12 1 L9

=> d

L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS

AN 2001:265378 CAPLUS

DN 134:303088

TI Phenolic compounds in heat-sensitive or pressure-sensitive recording materials

IN Hidaka, Tomoya; Sato, Shinichi; Kawakami, Tadashi

PA Nippon Soda Co., Ltd., Japan

SO PCT Int. Appl., 45 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001025193	A1	20010412	WO 2000-JP6892	20001004
	W: AU, BR, CN, JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 2000075555	A5	20010510	AU 2000-75555	20001004
	EP 1219598	A1	20020703	EP 2000-964635	20001004
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
	BR 2000014494	A	20020820	BR 2000-14494	20001004
PRAI	JP 1999-282577	A	19991004		
	JP 2000-37488	A	20000216		
	WO 2000-JP6892	W	20001004		
OS	MARPAT 134:303088				

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:07:10 ON 10 MAR 2003

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:07:19 ON 10 MAR 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 9 MAR 2003 HIGHEST RN 497220-90-3

DICTIONARY FILE UPDATES: 9 MAR 2003 HIGHEST RN 497220-90-3

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

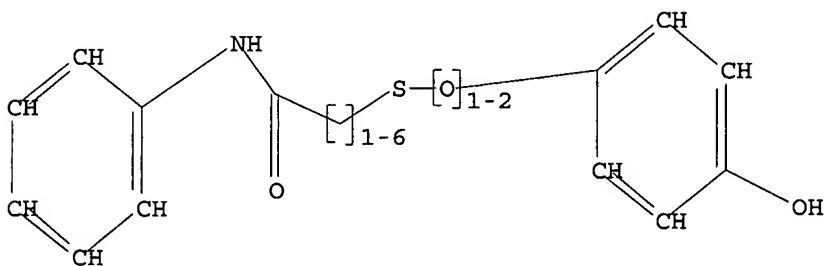
Uploading 131.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 15:07:38 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 21 TO ITERATE

100.0% PROCESSED 21 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 146 TO 694
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 ful

FULL SEARCH INITIATED 15:07:46 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 388 TO ITERATE

100.0% PROCESSED 388 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

L3 0 SEA SSS FUL L1

=>

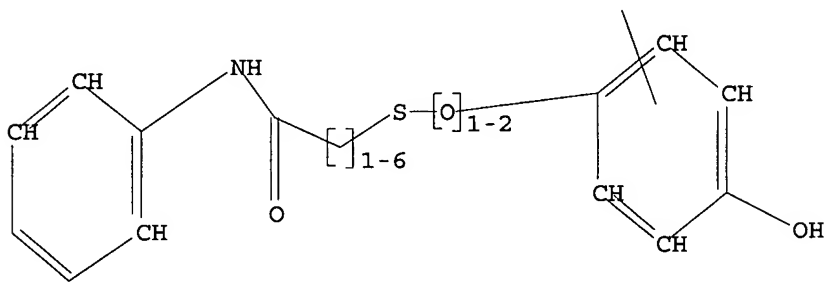
Uploading 131.str

L4 STRUCTURE UPLOADED

=> d

L4 HAS NO ANSWERS

L4 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l4

SAMPLE SEARCH INITIATED 15:09:59 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 21 TO ITERATE

100.0% PROCESSED 21 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 146 TO 694
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4

=>